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FACSIMILE COVER SHEET

DATE: August 25, 2006
TO: Commissioner for Patents
COMPANY OR FIRM: USPTO
FACSIMILE NO.: (571) 273-8300
FROM: Margaret A. Pruitt for Chandran Kumar Reg. No. 48,679
REFERENCE: Serial No.: 10/796,256
Atty. Docket No. 414-35025-US
Deposit Account: 02-0429(414-35025-US)

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 12

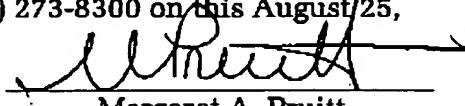
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Enclosed are the following documents for filing:

1. Response to Office Action mailed May 25, 2006.

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I certify that this correspondence, along with any papers referred to as being attached or enclosed, is being transmitted by facsimile to the attention of the Commissioner for Patents, Examiner Nicole A. Coy, Facsimile No. (571) 273-8300 on this August 25, 2006.



Margaret A. Pruitt

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PTO/SB/21 (09-04)

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/796,256

Filing Date

March 9, 2004

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First Named Inventor

Volker Krueger et al.

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Art Unit

3672

Examiner Name

Nicole A. Coy

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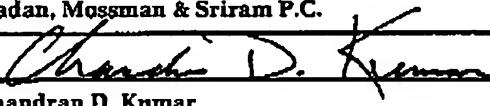
Attorney Docket Number

414-35025-US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Applicant submits a Response to the Final Office Action mailed May 25, 2006.	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund		
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____		
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD		
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<p>The Commissioner is authorized to charge any underpayment or credit any overpayment to:</p> <p>Deposit Account No. 02-0429 (414-35025-US).</p>			

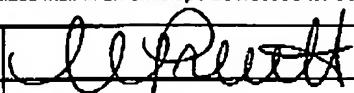
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Madan, Mossman & Sriram P.C.		
Signature			
Printed name	Chandran D. Kumar		
Date	August 25, 2006	Reg. No.	48,679

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Date

August 25, 2006

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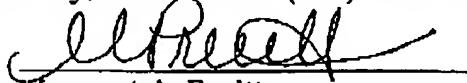
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Margaret A. Pruitt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Krueger et al.	§	Group Art Unit: 3672
SERIAL NO.: 10/796,256	§	Examiner: Nicole A. Coy
FILED: March 9, 2004	§	Atty. Docket: 414-35025-US
TITLE: "Apparatus and Method of Controlling Motion and Vibration of an NMR Sensor in a Drilling BHA"	§	Confirmation No.: 2388

MS: AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO THE FINAL OFFICE ACTION DATED MAY 25, 2006

This is in response to the Final Office Action, dated May 25, 2005 for the above-identified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 8.

Conclusion begins at page 10.